

445/04393 A03

### CLAIMS

1. An apparatus for treating pelvic organ prolapse, comprising:
  - a ring shaped main body sized and shaped to apply appropriate pressure on lateral vaginal walls for treating pelvic organ prolapse,
  - characterized in that the ring shaped main body is flexible, the device being foldable at at least three different points or along at least two axes, such that insertion of the main body does not have to be precise and that the ring shaped main body naturally settles into the appropriate rotational position for prolapse treatment taking a pre-defined multi-planar shape; and,
  - an applicator enclosing the ring shaped main body for inserting said ring shaped main body into a vagina.
2. An apparatus according to claim 1 wherein said multi-planar main body extends in three axes.
3. An apparatus according to claims 1 or 2 further comprising a device displacer.
4. An apparatus according to any of claims 1-3 further comprising a soft external layer located on at least a portion of said main body, said soft external layer adapted to enhance comfort.
5. An apparatus according to any of claims 1-4 further comprising a soft external layer located on at least a portion of said main body, said soft external layer adapted to prevent necrosis.
6. An apparatus according to claims 4 or 5 wherein the soft external layer is comprised of sponge rubber.
7. An apparatus according to any of claims 1-6 wherein said apparatus is at least partially flexible, said apparatus flexible in response to forces applied to it while in the vagina and during removal.
8. An apparatus according to any of claims 1-7 which is disposable.

445/04393 A03

9. An apparatus according to any of claims 1-8 wherein said main body is adapted to not directly compress a urethra after said insertion.
10. An apparatus according to any of claims 1-9, wherein the ring shaped main body is provided with a varying degree of stiffness along its length enabling the main body to assume the predefined multi-planar shape upon insertion.
11. An apparatus according to any of claims 1-9 wherein the ring shaped main body elastically expands into the predefined multi-planar shape upon insertion.
12. An apparatus treating pelvic organ prolapse, comprising:  
a main body adapted to provide pelvic organ support when inserted into a vagina; and,  
an anchoring body, wherein said anchoring body is selectively affixed to said main body.
13. An apparatus according to claim 12 wherein said main body is non-planar, extending along three axes.
14. An apparatus according to claims 12 or 13 further comprising a device displacer.
15. An apparatus according to any of claims 12-14 further comprising a soft external layer located on at least a portion of said main body.
16. An apparatus according to any of claims 12-15 wherein said apparatus is adapted to be flexible in response to force applied on said apparatus while in said vagina and during removal from said vagina.
17. An apparatus according to any of claims 12-16 which is disposable.
18. An apparatus according to any of claims 12-17 wherein said main body is deformable upon the application of a removal force towards a vaginal opening.

19. An apparatus according to any of claims 12-18 further comprising an applicator adapted for insertion of said apparatus.
20. An apparatus according to any of claims 12-19 wherein said anchoring body is ring shaped.
21. An apparatus according to any of claims 12-19 wherein said anchoring body is ovoid.
22. An apparatus according to any of claims 12-19 where said anchoring body is multi-sided.
23. An apparatus for treating pelvic organ prolapse, comprising:  
a thin main body adapted to provide pelvic organ support when inserted into a vagina, which main body is deformable at at least three points thereon.
24. An apparatus according to claim 23 wherein said main body is non-planar, extending along three axes.
25. An apparatus according to claims 23 or 24 further comprising a device displacer adapted to impart movement to said apparatus.
26. An apparatus according to any of claims 23-25 further comprising a soft external layer located on at least a portion of said main body, said soft external layer adapted to prevent necrosis.
27. An apparatus according to any of claims 23-26 wherein said apparatus is adapted to be flexible in response to force applied on said apparatus while in said vagina and during removal from said vagina.
28. An apparatus according to any of claims 23-27 which is disposable.

445/04393 A03

29. An apparatus according to any of claims 21-28 wherein said apparatus does not directly compress a urethra upon said insertion.

30. An apparatus according to any of claims 1-29 wherein said main body is provided with a hollow lumen, and further comprising:

- a flexible tube, wherein said tube is attached to said main body and provided with a hollow lumen in fluid contact with said main body hollow lumen;
- a non-compressible fluid located within the lumen proscribed by said tube and main body; and,
- a blocking mechanism, wherein said blocking mechanism is slidably located on said tube thereby constraining said non-compressible fluid within said lumen.

31. An apparatus according to claim 30 wherein said flexible tube further comprises additional reservoir space, increasing the volume of the lumen proscribed by said tube and main body.

32. An apparatus according to any of claims 23-31 further comprising an applicator used for insertion of said apparatus.

33. A method of treating pelvic organ prolapse, comprising:

- inserting into a vagina an apparatus for treating pelvic organ prolapse; and,
- positioning said apparatus within said vagina wherein said apparatus exhibits a non-planar configuration after said insertion.

34. A method according to claim 33 wherein inserting is facilitated by using an applicator.

35. A method according to any of claims 33-34 further comprising removing said apparatus from said vagina.

36. A method according to claim 35 wherein said removal is facilitated by a device displacer adapted to impart movement to said apparatus.

38. A method according to any of claims 33-37 wherein said positioning does not apply direct pressure to a urethra.